

**Recombinant and adjuvant-containing live vaccines****Abstract of the technical content of the invention**

The recombinant live vaccine comprises a viral vector incorporating and expressing in vivo a heterologous nucleotide sequence, preferably a gene of a pathogenic agent, and at least one adjuvant compound chosen from the acrylic or methacrylic polymers and the copolymers of maleic anhydride and an alkenyl derivative. It is in particular a polymer of acrylic or methacrylic acid cross-linked with a polyalkenyl ether of a sugar or polyalcohol (carbomer), in particular cross-linked with an allyl sucrose or with allylpentaerythritol. It may also be a copolymer of maleic anhydride and ethylene cross-linked, for example, with divinyl ether.